

**METHOD AND SYSTEM FOR INTEGRATED ALARMS
IN A PROCESS CONTROL SYSTEM**

ABSTRACT

A method and system for integrating alarms is provided. An external alarm is received at a process control system and includes an external tag. An internal alarm that is associated with the external alarm is determined based on a map. An internal tag associated with the external tag is also determined based on the map. The process control system generates the internal alarm which includes the internal tag and is based on the external alarm. A method and system for generating alarm and tag relations is also provided. At least one external tag associated with an external system is selected. At least one internal tag associated with a process control system related to the external tags is determined. At least one entry in a map is generated to indicate a relation between at least one of the external tags and at least one of the internal tags. At least one external alarm associated with the external system is selected and at least one internal alarm related to the external alarms is determined. At least one entry is generated in the map to indicate a relation between at least one of the external alarms and at least one of the internal alarms.